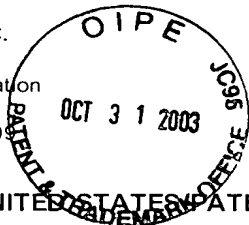


AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599



PATENT APPLICATION

ATTORNEY DOCKET NO. 10020667-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): David R. Smith

Serial No.: 10/687,179

Examiner:

Filing Date: Oct. 15, 2003

Group Art Unit:

Title: LAMINOGRAPH DESHADOWING

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

() Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: **Oct. 29, 2003**

Typed Name: **John Pallivathukal**

Signature: 

Respectfully submitted,

David R. Smith

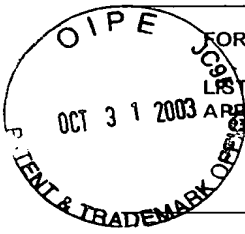
By 

Jerry L. Mahurin

Attorney/Agent for Applicant(s)

Reg. No. **34,661**

Date: **Oct. 29, 2003**



FORM PTO-1449

 LIST OF PATENTS AND PUBLICATIONS FOR
 APPLICANT'S INFORMATION DISCLOSURE
 STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10020667-1

SERIAL NO.

10/687,179

APPLICANT

David R. Smith

FILING DATE

Oct. 15, 2003

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		5,960,127	09/28/1999	Davis

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

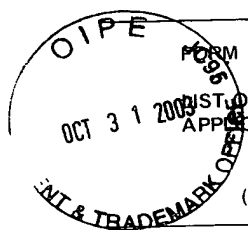
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	XU, Jianning, "Decomposition of Convex Polygonal Morphological Structuring Elements into Neighborhood Subsets", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 13, No. 2, Feb. 1991, pages 153-162
	HASHIMOTO et al., unable to locate source of "paper discussing algorithms for decomposing convex binary structuring elements" as cited on Page 5, Paragraph 13 of the specification.
	MARAGOS, Petros et al., "Morphological Systems for Multidimensional Signal Processing", Proceedings of the IEEE, Vol. 78, No. 4, April 1990, pages 690-710

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	BARROW, H.G. et al., "Parametric Correspondence and Chamfer Matching: Two New Techniques for Image Matching", SRI International, Technical Note 153, 16 pages
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	PITAS, Ionnis, "Fast Algorithms for Running Ordering and Max/Min Calculation, IEEE Transactions on Circuits and Systems, Vol. 36, No. 6, June 1989, pages 795-804
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	ROSENFELD, A. et al., "Distance Functions on Digital Pictures", Pattern Recognition, Pergamon Press 1968, Vol. 1, pages 33-61
	DANIELSSON, P., "Euclidean Distance Mapping", Computer Graphics and Image Processing 14, 1980, pages 227-248
	GIL, Joseph et al., "Computing 2-D Min, Median, and Max Filters", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 15, No. 5, May 1993, pages 504-507
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	GIL, Joseph et al., "Efficient Dilation, Erosion, Opening, and Closing Algorithms", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 24, No. 12, Dec. 2002, pages 1606-1617
	JOO, Hyonam et al., "Understanding the Application of Mathematical Morphology to Machine Vision", IEEE CH2692-2/89/0000-0977, pages 977-982

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT OCT 31 2003 (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	10020667-1	10/687,179
	APPLICANT	
	David R. Smith	
	FILING DATE	GROUP
	Oct. 15, 2003	

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	BORGEFORS, Gunilla, "Hierarchical Chamfer Matching: A Parametric Edge Matching Algorithm", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 10, No. 6, No. 1988, pages 849-865
	Serial Number 10/106,435 filed March 26, 2002, SMITH, David R., "Method and System of Object Classification Employing Dimension Reduction."

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